

**Motion Control System**  
**DF64 Procedure Development**  
**CMG External Heater Activation**  
**December 5, 1997**

**Identification Section:**

<b>Procedure Name:</b>	CMG_External_Heater_Activation
<b>Applicability:</b>	Flight 3A
<b>Frequency:</b>	One time activation of RPCs.
<b>Objective:</b>	To activate the survival heaters on the CMG prior to power and spinup.
<b>Description:</b>	Using the EPS RPCM Open/Close displays, close the relays to activate heaters.
<b>Crew Required:</b>	N/A
<b>Power:</b>	
<b>Data:</b>	N/A
<b>Duration:</b>	N/A
<b>Location:</b>	N/A
<b>Parts:</b>	N/A
<b>Materials:</b>	N/A
<b>Tools:</b>	N/A
<b>Constraints:</b>	N/A
<b>Assumptions:</b>	1. Neither the RPC nor the downstream load shows indications of a failure. 2. Downstream loads are in a proper configuration prior to power on or off.
<b>Reference Materials:</b>	ISS OPS/PRE D EPS procedure; D864-10094-01- Rev D.

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## CMG EXTERNAL HEATER ACTIVATION

### 1. CLOSE RPC FOR CMG EXTERNAL HEATERS

**NOTE:**

Heater activation occurs in the following pair: 2 and 3, 1 and 4.

PCS

Node 1: EPS: RPCM Z14B B

**RPCM Z14B B**

sel RPCM Details

	√RPC [X] Close Cmd	- Ena	X =	10	12
	sel RPC [X]				
	<b>cmd Close Execute</b>				
	√RPC [X] Position	- CI			
	Repeat				

√**MCC-H**

PCS

Node 1: EPS: RPCM Z13B B

**RPCM Z13B B**

sel RPCM Details

	√RPC [X] Close Cmd	- Ena	X =	10	12
	sel RPC [X]				
	<b>cmd Close Execute</b>				
	√RPC [X] Position	- CI			
	Repeat				

√**MCC-H**